



TST Update

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10 December 1997

Topics

- **Events Calendar**
- **Supporting SW Development**
- **Federate Testing**
- **External Events**
- **HLA Education/Outreach**
- **HLA Security**

Events Calendar

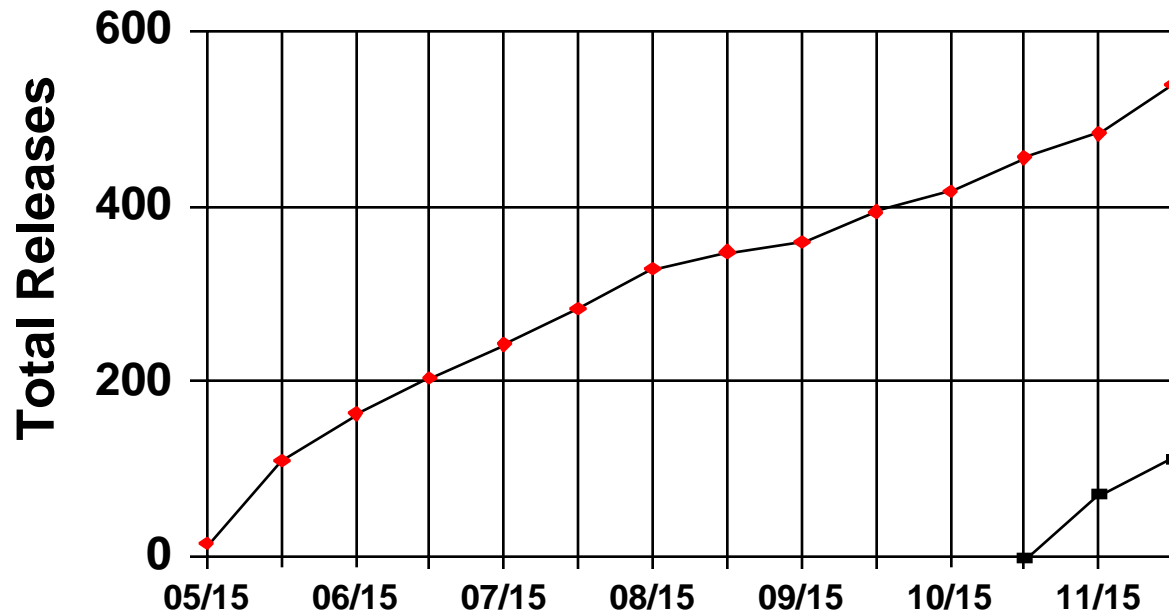
8-9 Oct	AMG-21
8 Oct	C2 Experiment Tech Exchange
9 Oct	OMG, State Transition View of DM, RTI 2.0 Tech Exchanges
15-16 Oct	Workshop on HLA Use in Labs
21 Oct	Time Management Tech Exchange
22 Oct	MOM Tech Exchange
21-22 Oct	Army Distributed Simulation Advisory Board
23 -24 Oct	Intelligence Community Coordinating Group (IC-COG) M&S Symposium
5 Nov	Object Modeling Technical Exchange
14 Nov	MOM Technical Exchange
17-19 Nov	10th MNWG, Norfolk VA
24-25 Nov	C4I-Sim Workshop, Alexandria, VA
1-5 Dec	I/ITSEC, Orlando
8-11 Dec	ITEA, Las Cruces, NM
8-12 Dec	Winter Computer Simulation Conference, Atlanta
10-11 Dec	AMG-22
10 Dec	MOM Tech Exchange
11 Dec	ADAPTOR and Time Management Tech Exchanges
8-9 Feb	AMG-23

Supporting SW Development

- **Development of supporting software is on track**
 - Runtime infrastructure (RTI) and
 - Object model support tools including
 - Object Model Development Tool (OMDT), Object Model Library (OML) and Object Model Data Dictionary (OMDD)
- **Reports on these are included in the AMG-22 agenda under RTI and Object Model Update presentations**
 - RTI JAVA release in October
 - OM Tools initial release in October
- **Plans for RTI release adjusted based on user feedback for coordination between specification and software releases**
 - RTI 1.3 will be released in March; implements 1.3 Specification
 - Limited Beta releases to meet specific user needs
- **OMDT releases will be limited to the AEgis tool; ports to Sun and SGI are planned**

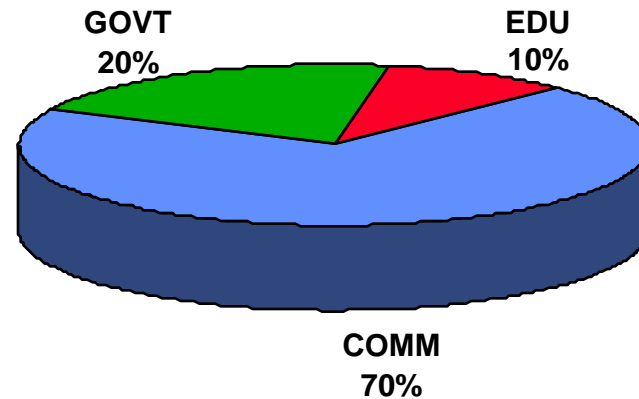
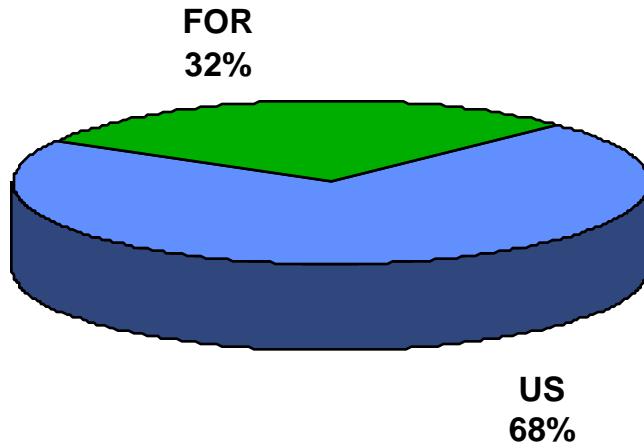
HLA Software Releases

through 30 November 1997



RTI - 538

OM Tools - 113



Federate Testing

- **Federate Testing Team**
 - **GTRI: Process and Tool Development and ABTech: Operational Testing**
- **Federate testing began October 31**
 - **Turnkey Test Management System; demonstrated at IITSEC**
 - **A semi-automated system to manage the federate conformance test process, which serves as a central source for test information: Procedures, Guides, Submission Formats, Examples**
 - **Web-based, on-line test preparation (for federates) and test management (for Certification Authority (CA)) integrated with test tools**
 - **Initial Phase of Testing**
 - **Over the network, unclassified, outside of firewalls**
 - **Standard operating procedures and user manuals in development**
 - **Areas for improvement in next version being identified**
 - **Since initiation, 6 systems have begun the testing process**

HLA Help Desk

- **MSOSA cell for HLA has been operational since May**
- **Focal point for inquiries to DMSO on HLA**
- **hla@msis.dmsso.mil e-mail goes to the HLA cell**
 - **responds directly**
 - **general inquiries**
 - **refers**
 - **training requests**
 - **policy questions**
 - **RTI-specific technical questions**
 - **logs and tracks**
- **Increasing level of activity and changing nature of requests**
 - **continue to have basic questions from new users**
 - **increasingly questions demonstrate more in-depth and technical knowledge of HLA**

HLA Help Desk Activity Report

through 30 November 1997

Category

HLA

- Basic Information
- Documentation
- Compliance Query
- Testing

Forwarded Queries

- RTI/SW
- Policy
- Training
- Web Page

TOTAL

Total Calls (Nov)	Total Calls (to date)	Total Closed (to date)	Total Open (to date)	Foreign Requests (Nov)	Foreign Requests (to date)
33	146	143	3	7	22
6	30	28	2	1	5
0	10	10	0	0	0
1	9	8	1	0	0
96	195	195	0	28	49
3	8	8	0	0	0
0	46	46	0	0	2
1	17	17	0	1	3
140	461	455	6	37	81

HLA Education/Outreach

- **Integrated training/outreach program is underway**
 - **To request or register for a scheduled training event go to the DMSO HLA home page at <http://hla.dmsomil> under the topic “HLA Education and Training”**
 - **Holding a series of ‘Regional Training Events’ at different locations throughout the coming year**
- **Initiated “hands-on” practicum; classes scheduled approximately twice a month for the coming year**
- **Small number of on-site sessions to support specific communities**
- **Incorporated a set of HLA modules in the DMSO Staff Officer Course; courses are scheduled for the coming year**
- **Training and education in conjunction with professional/standards organizations**
 - **Spring SIW sessions planned**
 - **Initial interactive CD material prepared (‘Introduction to HLA’) and distributed at IITSEC**

Training Schedule

Upcoming Regional Training Events

Southwest	5-6 Jan	Nellis AFB
Southeast	19-20 Feb	Orlando, FL
Mid Atlantic	26-27 Mar	Alexandria, VA
West	21-22 Apr	Menlo Park, CA
Northeast	19-20 May	Boston, MA
Midwest	25-26 Jun	Wright-Patterson AFB

Additional Training Modules in Development

- **Added training modules are in development which provide a more detailed look at topics of interest to HLA users**
 - **Based on feedback from current training efforts**
- **Topics being addressed**
 - **Adapting your simulation to use HLA**
 - **Developing and operating an HLA federation**
 - **HLA testing**
 - **Using automated tools to develop HLA object models**
- **Lecture presentation format planned; half day sessions each**
- **These sessions will be coupled with regional training events or other educational opportunities after March**

HLA Security Update

- **HLA Federation Security Process (FSP)**
 - **FY98 objective is to complete a draft recommended HLA Security Certification and Accreditation Process, based on FEDEP and DITSCAP**
 - **Progress to date**
 - **Inputs have been incorporated into FEDEP 1.1 based on use of FEDEP as basis for FSP**
 - **JADS has agreed to support the effort a use case; work was initiated in November**
 - **Other use case volunteers sought**
- **HLA Runtime Security Approaches**
 - **HLA security presentation being updated to reflect security approaches currently available (system high, isolation of individual federates via guard)**
 - **FY98 objective is to assess feasibility of multi-domain security approach**
 - **Ongoing bridge federate functional specification as basis for analysis of what functions can take place across a bridge and which of these are viable in the multi-domain security case**

Progress on OMG Standardization

- **Objective**
 - Standardize on IDL API and I/F Services under the Object Management Group (OMG)
- **Plan to submit Request for Comments (RFC) to OMG for consideration**
 - 'Unsolicited technology'
 - 1.3 Specification as approved by AMG with IDL API
- **Process**
 - DMSO submits RFC as OMG member
 - RFC is reviewed by Architecture Board and Manufacturing Task Force
 - On approval, OMG issues RFC for review; 90 day review period
 - In absence of negative comments, OMG accepts
 - DMSO must commit to produce product to spec
 - RTI 1.3 with CORBA Cap